

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Ryoichi OMOTE	International Application No.: PCT/JP2005/014500
Serial No.: Unknown	International Filing Date: August 8, 2005
Filed: Concurrently herewith	
For: DUPLEXER AND COMMUNICATION DEVICE	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits the attached Form PTO-1449. Reference Nos. 1-3, 5, 7, 10, 13, and 14 were cited in the attached International Search Report for PCT Application No. PCT/JP2005/014500.

The relevance of Reference No. 4 is discussed on pages 1 and 2 of the substitute specification filed concurrently herewith.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicant respectfully requests that the cited references be made of record in the subject application.

Respectfully submitted,

Dated: March 28, 2006

/Joseph R. Keating #37,368/  
Attorney for Applicant

Joseph R. Keating  
Registration No. 37,368

**KEATING & BENNETT, LLP**  
8180 Greensboro Drive, Suite 850  
Tyson's Corner, VA 22102  
Telephone: (703) 637-1480  
Facsimile: (703) 637-1499

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **2****Complete if Known**

Application Number	
Filing Date	
First Named Inventor	<b>Ryoichi OMOTE</b>
Art Unit	
Examiner Name	
Attorney Docket Number	<b>36856.1429</b>

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code 2nd known	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<b>1</b>	<b>2003/0214368</b>	<b>11-2003</b>	<b>N. Taniguchi</b>	
	<b>2</b>	<b>2001/0013739</b>	<b>08-2001</b>	<b>K. Yoshida et al.</b>	
	<b>3</b>	<b>5,559,481</b>	<b>09-1996</b>	<b>Satoh et al.</b>	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number-Kind Code 2nd known	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
	<b>4</b>	<b>JP 2002-353768</b> (English abstract and machine translation)	<b>12-2002</b>	<b>JAPAN</b>		<b>x</b>
	<b>5</b>	<b>JP 2003-332885</b> (English abstract and machine translation)	<b>11-2003</b>	<b>JAPAN</b>		<b>x</b>
	<b>6</b>	<b>JP 2003-008394</b> (English abstract and machine translation)	<b>01-2003</b>	<b>JAPAN</b>		<b>x</b>
	<b>7</b>	<b>JP 2004-056355</b> (English abstract and machine translation)	<b>02-2004</b>	<b>JAPAN</b>		<b>x</b>
	<b>8</b>	<b>JP 2000-261344</b> (English abstract and machine translation)	<b>09-2000</b>	<b>JAPAN</b>		<b>x</b>
	<b>9</b>	<b>JP 2002-368576</b> (English abstract and machine translation)	<b>12-2002</b>	<b>JAPAN</b>		<b>x</b>
	<b>10</b>	<b>JP 2001-036378</b> (English abstract and machine translation)	<b>02-2001</b>	<b>JAPAN</b>		<b>x</b>
	<b>11</b>	<b>JP 59-143411</b> (English abstract)	<b>08-1984</b>	<b>JAPAN</b>		<b>x</b>
	<b>12</b>	<b>JP 63-082113</b> (English abstract)	<b>04-1988</b>	<b>JAPAN</b>		<b>x</b>
	<b>13</b>	<b>JP 05-183380</b> (English abstract and machine translation)	<b>07-1993</b>	<b>JAPAN</b>		<b>x</b>
	<b>14</b>	<b>JP 2003-69382</b> (English abstract and machine translation)	<b>03-2003</b>	<b>JAPAN</b>		<b>x</b>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). \*See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>2</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST. 3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Substitute for form 1449/PTD

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **2** of **2**

Complete if Known

Application Number

Filing Date

First Named Inventor

Ryoichi OMOTE

Art Unit

Examiner Name

Attorney Docket Number

36856 1429

## NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature	Date Considered
-----------------------	--------------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.